Sheet 1 of 4Substitute Form PTO-1449
(Mandatory)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
10559-618001Application No.
10/057,738**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Gilbert Wolrich et al.Filing Date
January 25, 2002Group Art Unit
2189**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
SG	AA	2002/0053017	05/2002	Adiletta et al.			
	AB	2002/0056037	05/2002	Wolrich et al.			
	AC	2003/0041228	02/2003	Rosenbluth et al.			
	AD	2003/0191866	10/2003	Wolrich et al.			
	AE	2004/0205747	10/2004	Bernstein et al.			
	AF	3,881,173	04/1975	Larsen et al.			
	AG	3,913,074	10/1975	Homberg et al.			
	AH	4,023,023	05/1977	Bourrez et al.			
	AI	4,392,758	07/1983	Bowles et al.			
	AJ	4,569,016	02/1986	Hao et al.			
	AK	4,724,521	02/1988	Carron et al.			
	AL	4,742,451	05/1988	Bruckert et al.			
	AM	4,777,587	10/1988	Case et al.			
	AN	4,868,735	09/1989	Moller et al.			
	AO	4,992,934	02/1991	Portanova et al.			
	AP	5,073,864	12/1991	Methvin et al.			
	AQ	5,113,516	05/1992	Johnson			
	AR	5,165,025	11/1992	Lass			
	AS	5,247,671	09/1993	Adkins et al.			
	AT	5,274,770	12/1993	Yeoh et al.			
	AU	5,357,617	10/1994	Davis et al.			
	AV	5,363,448	11/1994	Koopman, Jr. et al.			
	AW	5,428,809	06/1995	Coffin et al.			
	AX	5,436,626	07/1995	Fujiwara et al.			
	AY	5,442,756	08/1995	Grochowski et al.			
	AZ	5,450,603	09/1995	Davies			
	BA	5,481,683	01/1996	Karim			

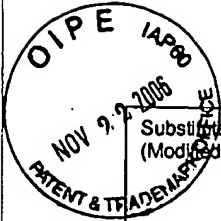
Examiner Signature

Date Considered

11/12/2007

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

Sheet 2 of 4Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
10559-618001Application No.
10/057,738**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

Applicant
Gilbert Wolrich et al.Filing Date
January 25, 2002Group Art Unit
2189

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
S.G.	BB	5,487,159	01/1996	Byers et al.			
	BC	5,517,628	05/1996	Morrison et al.			
	BD	5,541,920	07/1996	Angle et al.			
	BE	5,574,939	11/1996	Keckler et al.			
	BF	5,600,812	02/1997	Park			
	BG	5,606,676	02/1997	Grochowski et al.			
	BH	5,610,864	03/1997	Manning			
	BI	5,640,538	06/1997	Dyer et al.			
	BJ	5,652,583	07/1997	Kang			
	BK	5,659,722	08/1997	Blaner et al.			
	BL	5,692,167	11/1997	Grochowski et al.			
	BM	5,701,435	12/1997	Chi			
	BN	5,717,760	02/1998	Satterfield			
	BO	5,724,563	03/1998	Hasegawa			
	BP	5,812,839	09/1998	Hoyt et al.			
	BQ	5,815,714	09/1998	Shridhar et al.			
	BR	5,819,080	10/1998	Dutton et al.			
	BS	5,832,258	11/1998	Kiuchi et al.			
	BT	5,933,627	08/1999	Parady			
	BU	5,951,679	09/1999	Anderson et al.			
	BV	5,996,068	11/1999	Dwyer, III et al.			
	BW	6,002,881	12/1999	York et al.			
	BX	6,009,505	12/1999	Thayer et al.			
	BY	6,009,515	12/1999	Steele, Jr.			
	BZ	6,029,228	02/2000	Cai et al.			
	CA	6,058,465	05/2000	Nguyen			
	CB	6,076,158	06/2000	Sites et al.			

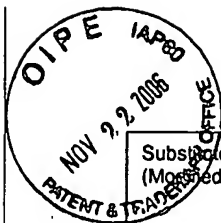
Examiner Signature

Date Considered

1/12/2007

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

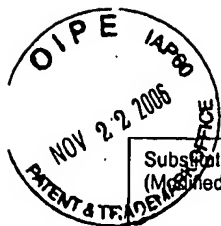


Substitute Form PTO-1449 (Mandatory)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-618001	Application No. 10/057,738
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date January 25, 2002	Group Art Unit 2189

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
SG	CC	6,079,014	06/2000	Papworth et al.			
	CD	6,092,175	07/2000	Levy et al.			
	CE	6,115,811	09/2000	Steele, Jr.			
	CF	6,141,348	10/2000	Muntz			
	CG	6,145,123	11/2000	Torrey et al.			
	CH	6,223,277	04/2001	Karguth			
	CI	6,230,119	05/2001	Mitchell			
	CJ	6,230,261	05/2001	Henry et al.			
	CK	6,233,599	05/2001	Nation et al.			
	CL	6,351,808	02/2002	Joy et al.			
	CM	6,357,016	03/2002	Rodgers et al.			
	CN	6,378,124	04/2002	Bates et al.			
	CO	6,496,925	12/2002	Rodgers et al.			
	CP	6,505,229	01/2003	Turner et al.			
	CQ	6,523,108	02/2003	James et al.			
	CR	6,889,319	05/2005	Rodgers et al.			
	CS	7,051,329	05/2006	Boggs et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
SG	CT	0 953 897	11/1999	Europe				
	CU	WO 00/33195	06/2000	WIPO				
	CV	WO 01/16697	03/2001	WIPO				
	CW	WO 01/16698	03/2001	WIPO				
	CX	WO 01/16702	03/2001	WIPO				
	CY	WO 01/16703	03/2001	WIPO				
	CZ	WO 01/16713	03/2001	WIPO				

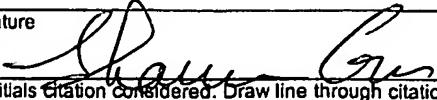
Examiner Signature <i>William G...</i>	Date Considered 1/12/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Sheet 4 of 4

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-618001	Application No. 10/057,738
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date January 25, 2002	Group Art Unit 2189

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
S.G.	DA	WO 01/16714	03/2001	WIPO				
	DB	WO 01/16715	03/2001	WIPO				
	DC	WO 01/16716	03/2001	WIPO				
	DD	WO 01/16718	03/2001	WIPO				
	DE	WO 01/16722	03/2001	WIPO				
	DF	WO 01/16758	03/2001	WIPO				
	DG	WO 01/18646	03/2001	WIPO				
	DH	WO 01/41530	06/2001	WIPO				
	DI	WO 01/48599	07/2001	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
S.G.	DJ	Agarwal et al., "April: A Processor Architecture for Multiprocessing," Proceedings of the 17 th Annual International Symposium on Computer Architecture, IEEE, pp. 104-114.
	DK	Chang et al., "Branch Classification: A New Mechanism For Improving Branch Predictor Performance," IEEE, pp. 22-31 (1994).
	DL	Farkas et al., "The multicluster architecture: reducing cycle time through partitioning," IEEE, vol. 30, December 1997, pp. 149-159.
	DM	Hennessy et al., "Computer Organization and Design: The Hardware/Software Interface," Morgan Kaufman Publishers, 1998, pp. 116-119, 181-182, 225-227, 466-470, 476-482, 510-519, 712.
	DN	Keckler et al., "Exploiting fine grain thread level parallelism on the MIT multi-ALU processor," IEEE, June 1998.
	DO	Mendelson A. et al., "Design Alternatives of Multithreaded Architecture", <i>International Journal of Parallel Programming</i> , Plenum Press, New York, 27(3):161-193, June 1999.
	DP	Wadler, "The Concatenate Vanishes," University of Glasgow, December 1987 (revised November 1989), pp. 1-7.
	DQ	Waldspurger et al., "Register Relocation: Flexible Contents for Multithreading," Proceedings of the 20th Annual International Symposium on Computer Architecture, 1993, pp. 120-130.

Examiner Signature 	Date Considered 1/12/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-618001	Application No. 10/057,738
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date January 25, 2002	Group Art Unit 2189

U.S. Patent Documents

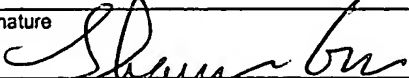
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
S.G.	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
S.G.	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
S.G.	AQ	Intel, "1A-64 Application Developer's Architecture Guide," Rev.1.0, May 1999, pp. 2-2, 4-29 to 4-31, 7-116 to 7-118 and c-21.
S.G.	AR	Paver et al., "Register Locking in Asynchronous Processor Computer Design: VLSI Processors," ICCD '92 Proceedings, IEEE 1992 International Conference, 1992, pp. 351-355.
	AS	
	AT	

Examiner Signature 	Date Considered 1/12/2007
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	